

WHAT IS CLAIMED IS:

1. Apparatus that obtains call trace information, comprising:

5 a network compatible device that is configured to communicate over a packet switched network with an end-point device, the network compatible device being configured to generate a request for call trace information that pertains to the end-point device and to receive the call trace information that was requested and to provide an indication of the call trace information that was received.

10 2. An apparatus as in claim 1, wherein the call trace information is selected from a group consisting of an Internet Protocol (IP) address, a geographical location of the end-point device, a type or class of the end-point device, a call route, a topology of the route, a domain name server of the IP address and route, a directory number and name, a call back number, an advisement as to whether the IP address for the end-point device is mobile and an advisement as to what redirection may have occurred before the call was completed.

15 25 3. An apparatus as in claim 1, wherein the network compatible device is configured to originate a conference call with a plurality of end points and to receive the call trace information for each of the plurality of end-points.

20 30 4. An apparatus as in claim 3, wherein the network compatible device is a circuit switched time division multiplex (TDM) compatible device.

5. An apparatus as in claim 1, wherein the network compatible device is a circuit switched time division multiplex (TDM) compatible device.

5 6. An apparatus as in claim 1, wherein the network compatible device is a voice over Internet Protocol compatible device.

10 7. An apparatus as in claim 1, further comprising at least one data base containing the call trace information.

15 8. An apparatus as in claim 2, further comprising a call log that logs all the call trace information.

15 ~~9.~~ An apparatus that obtains call trace information, comprising:

20 a network compatible device that is configured to communicate over a packet switched network with an end-point device, the network compatible device including means for generating a request for call trace information about the end-point device, means for receiving the call trace information that was requested and means for indicating the call trace information that was received.

25 10. An apparatus as in claim 9, wherein the call trace information is selected from a group consisting of an Internet Protocol (IP) address, a geographical location of the end-point device, a type or class of the end-point device, a call route, a topology of the route, a domain name server of the IP address and route, a directory number and name, a call back number, an advisement as to whether the IP address for the end-point device is mobile and an advisement as to what redirection may have occurred before the call was completed.

11. An apparatus as in claim 9, wherein the network compatible device is configured to originate a conference call with a plurality of endpoints and to receive the call trace information for each of the plurality of endpoints.

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12. An apparatus as in claim 10, wherein the network compatible device is a circuit switched time division multiplex (TDM) compatible device.

13. An apparatus as in claim 9, wherein the network compatible device is a circuit switched time division multiplex(TDM) compatible device.

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14. An apparatus as in claim 9, wherein the network compatible device is a voice over Internet Protocol compatible device.

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15. An apparatus as in claim 9, further comprising means for storing the call trace information.

16. An apparatus as in claim 9, further comprising means for logging the call trace information.

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17. A method that obtains call trace information, comprising:

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communicating over a packet switched network between a network compatible device and an end-point device, generating a request for call trace information that pertains to the end-point device, subsequently receiving the call trace information that was requested, and providing an indication of the call trace information that was received.

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18. An apparatus as in claim 17, wherein the call trace information is selected from a group consisting of an

5 Internet Protocol (IP) address, a geographical location of the end-point device, a type or class of the end-point device, a call route, a topology of the route, a domain name server of the IP address and route, a directory number and name, a call back number, an advisement as to whether the IP address for the end-point device is mobile and an advisement as to what redirection may have occurred before the call was completed.

10 19. A method as in claim 18, further comprising logging the call trace information.

15 20. A method as in claim 18, further comprising storing the call trace information.

20 21. A method as in claim 18, further comprising originating a conference call with a plurality of end-points and to receive the call trace information for each of the plurality of end-points.

25 22. A method as in claim 21, wherein the network compatible device is a circuit switched time division multiplex (TDM) compatible device that accesses the packet switched network through a gateway.

25 23. A method as in claim 18, wherein the network compatible device is a circuit switched time division multiplex (TDM) compatible device that accesses the packet switched network through a gateway.

30 24. A method as in claim 18, wherein the network compatible device is a voice over Internet Protocol compatible device.

35 25. A terminal proxy server, comprising software responsive to a request to download call trace

information and to transmit the downloaded call trace
5 information to a network compatible device, the call
trace information selected from a group consisting of an
Internet Protocol (IP) address, a geographical location
10 of the end-point device, a type or class of the end-point
device, a call route, a topology of the route, a domain
name server of the IP address and route, a directory
number and name, a call back number, an advisement as to
15 whether the IP address for the end-point device is mobile
and an advisement as to what redirection may have
occurred before the call was completed.

26. A terminal proxy server, comprising software
15 responsive to a request for call trace information to
dynamically access and then transmit the call trace
information to a network compatible device, the call
trace information selected from a group consisting of an
Internet Protocol (IP) address, a geographical location
20 of the end-point device, a type or class of the end-point
device, a call route, a topology of the route, a domain
name server of the IP address and route, a directory
number and name, a call back number, an advisement as to
25 whether the IP address for the end-point device is mobile
and an advisement as to what redirection may have
occurred before the call was completed.

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